

MATERIAL SAFETY DATA SHEET

MSDS

DATE: 3/22/94

MSDS #: 554209

NEW ☒ REVISED ☐

PURSELL INDUSTRIES, INC.

P.O. Box 540

Sylacauga, AL 35150

EMERGENCY PHONE NUMBERS:

PURSELL: 1-800-633-6560

CIEMTREC: 1-800-424-9300

SECTION - I - PRODUCT INFORMATION

PRODUCT NAME: **PARKER'S® SUPER SOILIFE 16-4-8**

PRODUCT NUMBER: 554209

CHEMICAL NAME: Polymer-coated Sulfur-coated urea, Urea, Ammoniated Phosphates, Potassium Chloride, Micronutrient Minerals, Limestone: (Blended)

CHEMICAL CLASS: Fertilizer Compound

EPA REGISTRATION NUMBER: NA

EPA ESTABLISHMENT NUMBER: NA

NFPA RATING: Health - 1 Flammability - 1 Reactivity - 0 Special - None

NFPA CODES: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

SECTION - II - INGREDIENT INFORMATION

INGREDIENT	CAS NUMBER	PEL	TLV	% BY WEIGHT
Inert components				100.00

There are no hazardous ingredients in this product "Listed" by OSHA, ACGIH, NTP, or IARC.

The ACGIH Threshold Limit Values (TLV) for nuisance (inert) dusts not containing asbestos or crystalline silica are: 10 mg/m³ total, and 5 mg/m³ respirable for the eight-hour time-weighted average.

SECTION - III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA

Vapor Pressure (mmHg): NA

Vapor Density (Air =1): NA

Solubility in Water: Fertilizer chemicals are water soluble.

Appearance and Odor: Yellow, brown, beige, and/or green fertilizer granules. Slight sulfur, ammonia, hydrocarbon, or hydrogen sulfide (rotten egg) odors possible.

Bulk Density: 70-73 lb/ft³

Melting Point: NA

Evaporation Rate (Butyl Acetate=1): NA

SECTION - IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA

Flammable Limits: LEL: NA UEL: NA

Extinguishing Media: Water spray, dry chemical, CO₂, sand, or fine earth. Material is essentially non-flammable.

Special Fire Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus. Short term exposure to smoke, fumes, and gases can lead to irreversible lung injury without early signs and symptoms. Use extinguishing media suitable for the surrounding fire. Evacuate downwind if large quantities are involved in fire.

Unusual Fire and Explosion Hazards: The use of high speed bucket elevators, contact paddle blenders, drag lines, augers, or other rough or abusive handling or application equipment can break or abrade the sulfur coating creating sulfur dust. Sulfur dust forms an explosive mixture in air at concentrations between 35 g/m³ and 1400 g/m³. Burning product may produce irritating or poisonous gases.

SECTION - V - REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to avoid): No incompatibilities known at this time.

Hazardous Decomposition or Byproducts: Cyanuric acid, biuret, ammonia, hydrogen cyanide, nitrogen oxides, and sulfur oxides.

Hazardous Polymerization: Will not occur.

SECTION - VI - HEALTH HAZARD DATA

ACUTE AND CHRONIC HEALTH HAZARDS / EMERGENCY AND FIRST AID PROCEDURES

Route(s) of entry: Inhalation; Ingestion

Eyes: Dusts may cause moderate irritation. Sulfur is a human eye irritant at 6 ppm. If eye contact occurs, flush eyes with running water for 15 minutes.

Skin: Dusts may cause moderate irritation. Wash with soap and water if irritation occurs.

Inhalation: Dusts may cause moderate irritation to the nose, throat, and lungs. If prolonged inhalation of dust occurs, remove victim to fresh air.

Ingestion: May cause headache, nausea, and vomiting. Call a physician or Poison Control Center @ (202) 625-3333 for assistance.

Signs and Symptoms of Exposure: Irritation to eyes, skin, or respiratory or gastrointestinal tract. No chronic health effects data have been established.

Other Health Warnings: Call a physician if irritation persists.

Notes to physician: Treat symptomatically.

SECTION - VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Storage: Store in original container in a cool dry area. Keep out of reach of children. Store separately from feed, food, pesticides, and other fertilizers so that cross contamination does not occur.

Procedures in case of spill or release: If material is uncontaminated, collect and reuse as recommended for product. Avoid dusts, or use NIOSH/MSHA dust/mist approved respirator.

Waste Disposal Method: Apply as fertilizer if uncontaminated. If contaminated, dispose of in accordance with all Federal, State, and Local laws.

Other Precautions: Do not use directly on water. Do not contaminate water supplies.

SECTION - VIII - CONTROL MEASURES

Ventilation Requirements: Provide local or general ventilation to keep dust below ACGIH nuisance dust limit of 10 mg/m³. Applicators should stand up- wind.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: A NIOSH/MSHA approved respirator should be used if dust exposure exceeds level of 10 mg/m³.

Protective Clothing: No protection normally required. If irritation occurs, long sleeves and impervious gloves should be worn.

Eye Protection: Use of safety glasses with side shields is recommended.

SECTION - IX - ADDITIONAL INFORMATION

This product is a plant food. However, large spills could possibly kill vegetation or cause illness in animals. Contamination of waterways may cause fish kill. Prevent large quantities from contacting vegetation or waterways. Keep animals away from large spills.

SECTION - X - SARA TITLE III REQUIREMENTS

Section 302 Extremely Hazardous Substances: No

Section 311/312 Hazardous Substances: No

Section 313 Toxic Chemicals: No

SARA Hazard Category: None

Carcinogenic Compound(s) (IARC/NTP/OSHA/ACGIH): None

OTHER PRECAUTIONS AND COMMENTS

The information in this Material Safety Data Sheet is believed to accurately reflect the scientific evidence used in making the hazard determination. It is considered only as a guide, and not a warranty or representation for which we assume legal responsibility. Independent decisions must be made on the suitability and use of this product dependent on variable storage conditions or locally applicable laws or government regulations. The buyer and user assumes all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label.

NA = NOT APPLICABLE

NI = NOT INDICATED

PURSELL INDUSTRIES, INC.

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